

33212-11
33212-11

- Pedreia animals update (no more food)
- Pesagro animals update
- View of Artibeus under palm frond.

22 Feb. ?? arising from trapping + processing.
What is a group? What is a territory?
What % groups must be monog for monog. to be mating system.

24 Feb - Processing 19 animals @ 15/min

29 Feb - → Pesagro; observe.
DGK + JMD discussions @ training.

2 March - ^{car} breakdown for
Nitoria,

7530-00-222-3521

FEDERAL SUPPLY SERVICE

(GPO)

Edmar / Jones begin

Pesaro / Pedreira obsew.

chrysomelas shipments (15 Feb)

Rita attacks (12 Feb)

Mata with Zigue (18 Feb)

Una chrysomelas (20 Feb)

Paco political (3 Mar)

problems

Dionizio

Pol \$

Brazil

Ecol \$

Feb 1986

exchange
rate

~ 17,500 c₃ =

\$ 1.00

Rentro \$

Cons \$

Edu \$

People \$

on 28 Feb 86
Brazil devalued +
changed currency
1,000 cruzeiros became
1.00 cruzado
17,500 cruzeiros = 17.5
cruzados.

FRI

14 Feb 1986-

Owned by

- Student for Macaws IBDF

- FBCN - ~~inadequate~~ address

- Zoo

- Coimbra

- Belazado ~~300~~

increasing Reserve
now

Diaries in Reserve

- Beira

- M² Tereza?

- PESAGRO - Niteroi

(Vicosa
São Roque)

A couple now - &
children which we never see.
⇒ Jairis & ~~Edmar~~ Idimar
(pronounced like
Edmar)

14 Feb (Fri.)

15

16

17 Feb Mon

18

19

20

21

22

23

24 Feb Mon

25 Feb TU

26 WE

27 TH

28 FR

1 Mar SA

2 " SU

3 M } Brasília

4 T }

5 W }

6 T }

7 F }

8 S São Roque

9 Mar. S

10 M Vicos

11 T }

12 W }

13 Th JD+LA (Race)

#

Place trap

E, O, T, anise - Po (but
PESAGRO, Pedreira, a,
Students, Dionizio,
Cambuchs

Mar. 12

(course) UT 870s

(Students) Doris

for Maria-L

Zoo -

IBDF - ~~Chrysomelidae~~

- course-ED

→ big leaves

roads
breaks
w/ in Reserve
Dionizio's
budgets. comb.
4th comb. ~~for~~
→ use

- Brazil Zoo

- training IBDF
people in U.S.
(IVO)

- record keeping on
GLIS owned by

Student for Math

IBDF

- 2011 - 2012 - 2013 - 2014

Zoo

- Coimbra

- Belo Horizonte

working Reserve
now!

Dionizio in Reserve

- Belo

- M² Tereza?

- PESAGRO - Nitro

Vicos

São Roque

FR1

14 Feb 1986-

Arrived Rio de Janeiro @ 11⁰⁰ hrs
Time difference 3 hrs later
Than DC. Plane only 1/2 full.

At airport Decried & wife
Herci with kids Bruno &

Priscilla (?) — Beth
Laurenz Linden. Also
Beth's mother & sister (leaving
after Carnival). Also Andea &
Norma; two S.T. women.

Went straight back to Reserva.

Stopped at Silva Jordão
& leave off Andea & Norma &
ended up with flat tires.

In fact all the kombi
tires are near bald from
the Reserva's rocky pebbly roads
& the asphalt of BR 101.

At Reserve are Zique
and the new ~~couple~~ couple
to replace Elpidio & Xixinha
(Tribinha) —

A couple with several
children which we never see.

⇒ Jairis & ~~Edmar~~ Idimar
(pronounced like
Edmar)

14 Feb
FRI

Beth overweight and young altho Ray
look about 10-15 years older (in
size) than probable age.

By the time we get settled in,
I'm exhausted + rest twice before
dinner.

Meanwhile I discuss with
Inez her application to Jersey +
Maryland. Lawrence indicates
that he applied to Colorado,
Florida + Oklahoma, but didn't
have time to apply to George
Mason.

All had gone to Zool. Conference
& had just returned a week ago
Saturday before Carnival
(6 days ago). Conf. not as good
as previous year with
few primatologists present
(No primatol. congress),
Conf. in Mato Grosso, Cuiabá.

GLT project had talks by
Inez on ventro. Lawrence foraging
by Chis; Beth on edne. project.

14 FEB
FRI

bronelaid talk by Ricardo +
Elena.

Re: animals:

OLTs in Pedreira:

(A) They haven't seen Ron, #9, +
Rita since 31 January.

Rita ~~was~~ attacked zigzag in
mid-Jan. They estimate that
her young were born ~6 Jan.

(B) Pandora + Micaela were copulating
about one week before she
aborted. Data indicate that
she aborted @ 129 d. after
introduction, but main copulatory
activity began about 1 week
after introd. ∵ abortion was
full- or nearly full-term.
No sign of fetus.

About one week after abortion
Aphrodite started hanging

out with Micaela + scent marking
a lot. Not clear what is
happening (Pandora weight on
15 Feb is 590 compared with
Aphrodite + Micaela over 600.
Young "Z" whose first birthday
is 15 Feb (amonth) weighs @
470g.

May be that Pandora is
failing. Note: Ineq indicates
that they are no longer
supplementing. The animals in
the Pedreira.

OLTs in Peogro:

Are still being supplemented on
alternate days. Recently fruit
availability has decreased and
N.O. group is eating most of
provisioned food. Which: only
eating about 1/2.

In Nov. - Feb.

(a) Groups are having encounters

14 Feb
FRI

almost every day - seeking each other out between 0900 - 1100 hours. Encounters involve lots of running but no serious aggression.

(B) Cop's:

No births except Maria; eldest ♀ of Wichita group copulated with Lancelot & Prometheus of N.O. group. Jodie; has copulated with her brothers; Juan & Pepe.

Limited copulatory activity in N.O. group.

(C) Encounters & tree holes:

Wichita uses only natural den holes now since their original box is inhabited by bees. (They have smoked out the bees several times).

Assistants don't know where they are sleeping since they get

to study area too late & leave too easily.

Encounters are very ritualistic & similar to those of wild tamarins.

Carlos group

Laurenz recently trapped Dem. There are ~~at least 2~~ litters [four young]. Weights \approx 290 290 237 270 which don't correlate particularly well with body size. However, there are probably 2 litters of 2.

Laurenz also caught ^{the} 1 ♀ 10³, 1 SA ♀ (from last year), and saw a 4th animal. ^{Missing} ~~or~~ ^{adult} ^{or} ^{juvenile} ~~the~~ 2nd adult ♂ ~~the~~ 2nd ♀. Not clear whether latter had died, disappeared, or just temporarily missing, nor which animal was gone.

The untrapped animals apparently wanted to get to trapped young; so it may well

14 Feb
FRT

have been the other lactating female. They young were however evidently locomoting & might be close to weaning. (More likely the ♂ rather than the ♀ disappeared).

There is a young ♀ GLT at the PdA lab. She was confiscated in Casimiro during the previous weeks. Had entered a home after some forest was cut.

Forest is still getting cut along BR 601 in the fazendas.

General complaints by Seth + Laurent.

① Dionizio has barely been to Reserva — in States for 5 weeks; Belgrin for 8 days and on holiday the whole month of January. Also there is a new delegado for Rio + Dionizio is and in command in Rio which means > time in Rio.

② Guards have not been to Reserve for a long period. IBDF has been building a Reserve headquarters on 101 + it may be that the guards stay there. But they have been doing little patrolling of the Reserva since the Dietz left. Thus several farmers who want to donate "mata" to a Reserve status haven't been able to get the paperwork done.

15 Feb
SAT

15 February 86

Off to Pesago in AM with
Díez + Jim. Near gate see 3 or
4 GLTs West of gate inside PdA.

① ~~Eliseu~~ Eliseu has one Kombi
+ brings field assistants
to field site from Silva
Jardim about when we
arrive (0900) — Too late
or at least not staggered.

We need observers early +
late!

② Pesago (like REBIO PdA)
is spotless. Everyone has
spent time cleaning.

③ We get out to field @
0930 + meet pretty
quickly with Wichita
group. They locomote
well but jerkily, especially
Juan with $\frac{1}{2}$ tail.

Maria, the eldest, has the

15 Feb.

SAT

collar + still hangs out
separate from the group.

Pepe + Jackie seen eating a
purple fruit about size of
a grape. Accompanied by
lots of good chips but
little food sharing. Juan
finds and eats ~~is~~ a land
snail — ~ size of a
large grape or thimble.

Again accompanied by
good chips. Juan's first
feeding bout that I see is
with remains of an orange
supplemented.

All animals look excellent
with good color.

Jackie ♀

Maria radio

Pepe

They also tear up + eat bromeliad
leaves! But no twigs.

We find Elizan looking for
NO but unable to locate because
(for 1st in 2½ years) The
Nikad batters from the
receiver had gone dead.
With receiver working, we find
group —

Conclude that they had
already had their encounter with
which + were proceeding onto
business. No one sure where
they sleep but both groups have
overlapping territories.

Butterscotch the older ♀,
is moving on the ground lots.

Apparently this is her 2nd day
like this. Her eyes look bad
although she has no diarrhea +
except for wetness, her coat looks
good.

Hera - ♀

Venus - radio ♀

Lancelot - radio ♂

Prometheus -

Butterscotch -

15 Feb

SAT

On way back to Reserva purchase 2 new trees since both front trees are bald — and dangerous. As we drive

thru Reserva meet w/ Zignie. Elpidio & Otavio have just arrived to help out ~~out~~. As usual Elpidio melts into the walls, while Otavio is friendly & outgoing.

After returning to REBO

Dionizio Herici & kids are present & churrasco is in making. Discuss some business.

① BERANT: Had some deaths fired 1/2 his staff & turned over ALL Leontophtheas to IBDF. Only one chrysomelas remained which went to São Paulo with 6 GLTs. 4 other GLTs went to Coimbra. NZP #5 we think went to São Paulo.

∴ São Paulo, Rio, CRRT have considerable numbers of GLTs & São Paulo & Coimbra have many chrysomelas:

② Chrysomelas: There is nothing now stopping the shipment of chrysomelas to the States. Dionizio has been given responsibility for their distribution & transport by The new

15 Feb
SAT

President of IBDF. ^{may be} Note:

IBDF no longer ^{may be} under Minister
of Agriculture but may be moved
to ~~off~~ Environment (SEMA)

Dionizio wants to send the 16
Belgian animals + 4 of
Cormbras. Cormbra now has
many. Four animals ^{may} not
in pairs.

Dionizio indicated that Corten was
retiring + his son taking over.
Apparently the Belgian animals
were kept in one (!) cage
which was so dark + cold
that they had one hour of light
per day. Dionizio thinks we
need to find them another home
+ even recommends that
England buy them. Dionizio
mentioned that Brazilian
govt thru WWF Belgium
paid \$ 5,000 for animals.

Our schedule (projected)

Days 1-3 - Pd A -

Day 4-6 - Rio Berant Cormbra
IBDF Rio Zoo

New Delegado in Rio IBDF office
+ new Director of Rio Zoo.

Day 7-17 Trapping

Day 18-21 Broaaria IBDF; Zoo;
Milton Thiago and
a stop in Belo Horizonte
to see Bastos + Celio Vale

(Recommended by Russ Gittermeier),
dinner with Dionizio before airport -

Thoughts: Peccary animals look
excellent + it's amazing that
they are ^{all} still alive + look good.

Perhaps ^① August is a better
release time than May.

Certainly ^② releasing in family
groups is preferable to
pairs.

③ Surprised that no wild tamarins
have encountered our groups

in Peaqo.

Locomotion:

Energetics:

would be two interesting.

Studies: Have Ted Grand film released vs. wild animals.

Could he fund it?

Have Steve Thompson do BMRs on tamarins + marmosets at NIH. Then try GLTs in NZP + REBIO PdA.

① Need to set stage for studies of Speciosus, Giant otter, Pteronura,

② Brazil tour

③ GHLT studies in Uva.

④ Zoo cooperative ventures.

⑤ Zoo control - Marley no longer looking at captive breeding + maintenance of endangered species.

16 Feb.
SUNDAY

16 Feb 86

Out to Pedreira area in AM with Jim, Inez, Zeke + Andie.

To observe Micaea group + try to find Group 1.

Micaea group found very soon near rear entrance to Pedreira area.

Pandora looks thin - + moves more slowly - Apparently she has not been locomoting well + her fur looks a bit ragged.

Z - The yearling (B'day 15 Feb 85) born to Vera + Micaea - looks very well; with a golden woolly coat and lots of energy.

Aphrodite seen scent-marking a lot while Inez

16 Feb

SUND

said she started after Pandora
apparently aborted.

~~Male~~

No signs (ovations) of
pair bond between Mameca +
Pandora.

Me. behavior very similar
to always. The strong silent
type. Often ~~on~~ on the
groups periphery, but
always the leader.
A good tamarin.

Jim + I took lots of pictures,
feeding on fruits + micromanip.
and completely disturbed
observations.

Then left + went slogging
thru Pedreira looking for

Group #1 - Ron, Rita + 2 kids.
Ended up at Viveiros #2

location where they have
retained platform for baiting.
Left some bananas but no
animal sign.

16 Feb

Sunday

Went as far as Vivens #1 location — which had grown back considerably. Couldn't find the nest box nor the original trees on which the nb hung, although the area was still recognizable.

It was eerie — because so much more emotional effort had gone into Viv. #1 of animals (Kings Island) and there the ~~site~~ site was abandoned. Reminded me of an abandoned Maya pyramid ~~which~~ whose purpose couldn't be recreated because not enough evidence about function.

Slogged back to car from break + had lunch.

Group #1 apparently hasn't been fed for over a year and hasn't been

seen since mid-January & before that not often since no radios are working and they are harder to locate (than Micuea C#9 still holds a transmitter).

They are hard to trap so that it's nearly impossible to work ^{them} up + keep marks organized.

After lunch — Jim ~~is~~ works with Lawrence; I work on AAZPA paper.

For dinner maracuja batidas; meat rice + ~~feijao~~ Feijoão (beans), and I work on making choc. chip cookies.

Elpidio + Otavio eat with us, but Elpidio won't eat until Ton Ann fills his plate.

Young woman from Vicos, Christine,

16 Feb

SUND.

~~met~~

majoring in biology has shown up
and is very loud & talkative,
often laughing loudly at her
own stories while others just
smile. She seems to little understand
staying quiet enough to interact
in acceptable ways. But
Jim said everyone from her region
is that way. There is apparently
one story she tells about her
father drinking her mother's
breast milk that shocks most of
the PDA crew, despite their
sophistication.

In any case she is Laurenz'
Inez et al's responsibility.

I think Jim & I drank
a little; a little later,
he, wolfing down Wild Turkey —
I finished off a bottle of
Glenfiddich —
not much left.

17 Feb

Mon.

17 Feb 86

Went out into zeke 1st Ring
to try to locate Rita + Ron + #9
+ kids.

Haven't been seen since 31 Jan
@ when zeke was bitten by Rita.

We slog thru Breju + zeke finds
them easily at Vinko #2
location. @ 10:00 hours.

Rita + #9 approach w/in
about 20-25 m, both w/ mobbing call.
Rita more closely. (#9 with radio) -

zeke holds back. I begin
talking + periodically approach,
but especially retreat when
she begins to move towards me.

I see animal in background
carrying infant; later we
determine that there are still
two.

Rita produces rapid cluck wh/
is incredibly harsh + rapid
+ aggressive sounding.

Also periodically arches + A.W.

17 Feb MON

The ~~she~~ vocalization sounds more powerful than ~~any~~ any I'd heard. And it was so clearly aggressive + different from mobbing.

Zeke indicated that she would produce sound when agitated, when 1st seeing you, but she was generally quiet when she finally advanced to attack.

Rita clearly moving between us and Ron with infants.

Later Zeke + I realize she may also have been aggressive since she was protecting the riverine platform "food source" of bananas.

Aggression not just due to site + babies since she had attacked Andrew at another site while pregnant.

At one point she advanced in trees + Zeke + I retreated.

Eventually we retreated 3 times; the last two times when she approached, she was totally quiet + moving very quietly + deliberately close to the ground. She came w/in 2 m of me on the ground before turning back. ~~I~~ carried a heavy stick, but was actually nervous — she had no fear of humans, had successfully attacked before. Could happily do so again.

My strategy was ① to speak normally + move around
② to try not to retreat at all her advances (Don't reinforce aggression +
③ scream at her if she advanced too closely
(noise instead of force)

My strategy didn't work well on DAY 1.

17 Feb.
MON

Both infants heard rasping:
seen locomoting independently.
Both ~~♂~~^{Inf.} on Ron: Then one
on Ron; one on #9. ~~had~~

Later when we returned after a
retreat, Rita was nursing one of
the two & tried to push it off
as soon as she saw us. But
she wouldn't approach while still
carrying the infant. And was careful
when trying to push infant off.

Both infants seen in locomotor
play: adults huddling on
branches with Inf. running
back & forth. ♂'s very
comfortable with each other.
Hard to say which ♂ is dominant
or the mate — if only one —
since no evidence of favored
relationship between Rita & one of
two males. Both ♂'s seen ^{all} grooming during
huddle.

Rita arching; not calling &
scent marking (sternal) all
at same time.

177eb86

MON

Infants are maintained @ 40 m distance with Rita usually between us + Dan.

Eventually Rita runs us off. we're with the group about 2 hours at same location.

During Pedreira trail, we hear howlers. Zeke sees/hears pig (in fact lots of pig tracks) and I photograph a tree ~~snake~~ snake sitting on branch over the trail.

We walk back to house — have lunch.

Zeke says They often see Cebus.

Talk with Dionizio after lunch re:

① GLT shipment to LA; NZP and Intern. M.C. role.

He decides that he wants all 20 animals to ^{go} thru on NZP permit as NZP responsibility regardless of final destination.

Diez explains loans, records problems, breeding agreements with IBDF from GLTs + what a mess it was.

I realize that I am explaining a set of processes + approaches + agreements made with other people which Dionizio, as head of Poco das Antas, wasn't aware of.

Later he chides Lourdes Jim + me that the Rio Delegado didn't have

- ① a GLT stdbook
- ② The Projects budget or
- ③ Progress reports.

18 Feb 86
TUES

We had visited Hobex to try to find our budget thru FBCN, but could only get info. on Wwf budget. ^{new} The pressure was from the Rio Delegado who ~~wanted~~ thought rightly that Dionizio should know

- ① what we were doing and
- ② how much it cost.

Dionizio plans to visit Brasília with us and warned us not to speak of Maria Teresa + Jordon.

Start fresh — anew — forget old organization.

Had huge dinner, including broneliad couple Ricardo + Elena who now are married + live in Silva Jardim.

Then watch video of NOS special on Chesapeake. at center 2 + LA Dietz, Dok, Lawrence, Dr. Zeke Betz Christina Ricardo Elena

18 Feb 86

0800 hrs

Go out to Carlos area to try to find Carlos group — apparently now with 299, 2 litters.

15AQ 107. On last trapping + corral, one male was missing.

As we enter into mata, heard GLT long call from Portuense area [0815 hrs]

Waited / no encounter — Started into mata area; another GLT call.

Back out, waited; never saw these animals

Took main kren circular trail. Hit 1 bait platform. ~~decided~~ Zeke + I want a trap + then decide to not set but to move. We back track + begin climbing. Walk for about another 3 hours all thru Carlos study area, but never see or hear GLTs.

18 Feb 56
TUES

At one point Zeké is nervous
that we are lost. Neither of us
know the area well, ~~but~~ and the
map has topographic but no
vegetation features. Fortunately,
we tend to agree on where we are
and on the general direction for
movement. ~~After~~ About 11:30
we actually emerge close to
where we entered.

We were either lucky or smart!

④

1038 hrs. I see a phyllostomid
(arthene or larger) hanging alone
from a palm frond.* Looks
extremely heavy. Possibly gravid ♀.
I take several shots with flash.
Bat flies away after 2nd or 3rd flash.

* not a spring palm and @
2 1/2 m off the ground.

My first bat as well as Zeké's 1st
observation of "muncelgo"
"na mata"

18 Feb 86
THURS

At another point we approach near bee's nest, but Zeke very worried + we back off and circle round.

In PM I worked on AAZPA Long Range Planning comments. Evening we watch video of Carnaval from Rio in 1984/1985, each of the schools.

I finally begin to understand the complexities of the competition between each of the samba schools + the money + people involved.

You are seeing the expenditure of \$30-\$40 million dollars in time, costumes + floats by Brazilians in the Rio schools alone.

Competition is on ~ 10 factors including costumes, theme, dancing, music + lyrics, organization, etc.

And they all file past at the

19 Feb 86

WED

huge stadium ~~→~~ in Rio.

The whole carnaval in Rio seems terribly tame + organized now, compared with what used to be when the samba schools didn't compete formally + simply danced thru the streets.

19 Feb 86

Wake up and spend major part of day with diarrhea, vomiting, Etc.

Jim + I were due to go to CPRJ to see GHLT, but we only end up going to Rio late P.M. since I can barely move.

The "Revenge" is interesting because the diarrhea is limited. I have no energy; pass out when I stand; and vomit up ~~→~~ what I eat.

I have chicken soup at Novo Mundo in evening and sleep again until 0700 hrs.

Basically I sleep almost non-stop from

12 Midnite ~~→~~ 19/20 Feb

to

0800 hours 21 Feb - ~ 32 hrs.

20 Feb 86
THURS.

20 Feb 86 -

Diarrhea in AM, but I decide to see how things go since I didn't vomit dinner and had breakfast. Also I felt less totally weak.

First stop Rio Zoo at 09⁰⁰.

Visited with

new director - began 1 Jan
Architect:

Paulo Celso Martins Brandão

Also present was curator/anim. ngnat/
vet. ♀ interested in herpetology.
I had met her before (blonde: stocky)

Carmen Lucia da Silveria

home: Rua Professor Gabizo 29

Rio de Janeiro RJ CEP 20271

Carmen eventually expressed
interest in turtle taxonomy
* lizard * turtle reproducⁿ &
artificial ~~reproduction~~ incubation.

20768 86

Thurs.

Carmen hoped that she could get help with pond turtle taxonomy and thought she might want to try to apply for some support to visit U.S.

First part of visit included:

- ① J + LAD + Dale
- ② Deorazio
- ③ Paulo - Director
- ④ Carmen -
- ⑤ A veterinarian - don't remember her name.

~~We explained GLT project in all ramifications and expressed interest in collaboration.~~

We explained GLT project in all ramifications and expressed interest in collaboration.

Paulo interested in everything, but decisions to be made.

Paulo new at Rio Zoo; 1st priority straightening out the financial situation. Zoo has just become a Foundation & will probably take over concessions to make \$.

To date, all \$ from Rio city govt & all profits returned to city coffers to be distributed.

Rio Zoo apparently has staff @ 100; half of staff @ 8-10 years ago. So Paulo is:

- ① reorganizing structure
- ② hiring
- ③ getting financial condition straightened out.

Seems more interested in educational programs vs. animal management although Jim + Lou Ann steered conversation to that end.

He indicates that zoo may get 35,000 people on a Sunday and averages 250,000/month.

Given its small size, it's a huge

20 Feb 86
Thurs.

turnover and on crowded days is probably a problem for people + animals.

He has small auditoriums: wants to develop audio-visual program using slides, film, video. Although no one can imagine how he will control access when he has a 20,000 visitor day.

I suggest - charge more on weekends and have free days during week.

During our visit; the following groups of people come in

Director Recife Zoo
Mauro Jorge Cavalcanti de Sá
Horto Zoobotânico de Dois Irmãos
Praça de Dois Irmãos 8/N
Recife PE CEP 50,000
Telefone
081-268-1354

- In position
~ 3 years

- ① The Hd (?) of Parks + Recreation Dept — over the Zoo.
- ② a group of ~~the~~ reporters + photographer from ~~Rio Oeste~~ ~~the~~ Jornal do Brasil to do story on the Jefe.
- ③ The Director of the Zoo in Recife
- ④ The new Education Specialist for the Zoo — a man with a degree in history + minimal teaching experience.

20 Feb 86

Thurs.

Zoo Rio has about 2000 specimens.

One pair of pale, small GLTs
[arrived after being confiscated]
about 8-12 mos. ago.

They look a bit stunted, but
pelage is good altho' pale.

They are housed off-exhibit;
~~are~~ in wire + wood cages
attached to cages housing
marmosets and a group of
squirrel monkeys, one cage
removed.

They are feeding them on a
wide variety of fruit, but
probably little protein.

Paulo had made a trip to CPRV
with his staff. They felt that
Coimbra was over-vitaminizing
his animals.

Everyone at zoo smoking like
chimneys.

20 Feb 85
Thurs.

Note: RE: BERANT

Berant's animals have all
been dispersed

1 or chrysomelas

2-2 rosalia (including NZP or #5)
have gone to CPRJ

All others; both rosalia + chrysomelas
have gone to São Paulo.

Check numbers with Dietz.

J. LA - I
After 300¹ visited FBCN -
(I drownd a pizza + beer
with surprise)

Saw Almirante Ibsen @ 13³⁰
Discussed many topics:

- ① Discussed Changes at IBDF.
- ② Maria Teresa at CESP, but
only as administrator. No
conservation activities.
- ③ The dust has yet to settle
Ibsen thinks that IBDF
well

20 Feb 86

Thurs.

move to SEMA under Nogueira
Neto before too long.

Unfortunately SEMA has much
less money than Agriculture,
and much of IBDF money is
from forestry end & not parks &
reserves.

① ~~IBDF~~ Turnover derived from
a "plot" apparently involving
M. T. and Jordan (may have
been ring leaders) to unseat
previous IBDF President.

They succeeded, but the day
before he left office, he
moved every department
head & every person associated
with the "plot" out of office.

Downgraded their positions.

② New ^{President} ~~director~~ of IBDF is
friend of Ibsen & Ibsen
made appt with him for
us on 3 Mar.

③ While in Ibsen's office, he
heard that Jordan had been given new
position as "Special Assistant" to
PRES. IBDF. The fallen rise!

New Pres. IBDF

Joesio DEOCLECIO PIERIN
SIQUEIRA

Director

Address: phone
Jordan Wellauer
SQS 102-C-607
Brasilia

Telephone: 226-2602

20 Feb 86

Thurs.

① New Pres. IBDF is economist & good friend of Nogueira Neto's.

New lead of DN - also economist.

Isen recommends that we speak to them both about expanding the PdA Reserve.

② Poco das Antas

Discussed potential for expanding Reserve size.

According to Isen, Souza Cruz (Philip Morris) or Roberto Marinho Jds. are interested in donating a lot of money to the Reserve * one way would be by helping to ~~them~~ add a chunk of land to the Reserve. However, the govt. cannot appropriate land & pay for it with a private donation since all donations to govt go into general coffers. Can't be focussed or directed.

- * actually they want to donate to GLT conservation, initially
- * donation actually to CPRJ but it is being suggested that they donate to Reserve.

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Thurs.

MR + LA both know of several pieces of land adjacent to REBIO that have some forest + would help. But looks complicated.

③

Una + chrysomelas

a) Jim tried ~~several~~ several times to get answer to some hard questions about future research in Una from Ibsen + Ibsen either didn't understand or avoided. Jim said we'd been invited to work in Una but that 2 other groups had plans

(① Celio Vale, Mittermeier, Rylands, et UFMG and ② Langguth + Carmen Alonso)

Ibsen kept referring back to problems with chrysomelas trapping operation at Morro do Diabo where state + feds. had clashed + state had refused feds. permission to collect animals from area to be flooded (6 were collected by Laurent Pinder) (30 more were supposed to be collected

(state rep. Cory Carvalho) before deforestation began in 2 weeks.

Sao Paulo state agency refusing permission since Morro do Diabo is state park.

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Thurs.

Ibsen suggested that similar problems wouldn't exist at UVA, but refused to respond to questions of control of programs. He did suggest that a common plan be developed where everyone knew everyone else's intent.

At the moment, there was no research in Uva.

- ② Squatters have begun to be removed.
- ③ Ibsen suggested Celio Vale for Interval. M.C. for chrysomelas + suggested waiting on Jordan Wallauer + M.T. participation.
- ④ Ibsen mentioned a "Society for Protection of Pantanal" developed by Matto Grosso farmers for conservation efforts. Suggests such an approach + effort might work at RJ Vale.

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Thurs.

⑤ There have been many more manakin sightings lately. Dietz says he's not surprised

⑥ Pantanal: I discuss future potential research with Ibsen.

a) Speothos - in Amazon; he has no info.

b) Pteronura are beginning to be seen more commonly in Pantanal. There is a physician studying them on private ranches & Ibsen thinks I could get info. re: study sites from him.

Recommendation: I write Ibsen 2-3 mos before visit. * he will try to arrange some visits to some sites in Mato Grosso.

He suggests that private fazendas may be better than nat'l. parks.

Physician's address may be available through Farmers Assn for Protection of Pantanal.

We also asked Ibsen for help with names of students * what was happening at Zoo Rio. For the latter, he suggested waiting until the dust settled.

LAD then spent some time on vcts. w/ FBCN Acct. by which time we were almost late for IBDF appt. to FBCN lent him some horrendous amt. of money.

To Dionizio's office:

① He did letter for FONZ tour.

② We (ah!) told him about Jordan's meteoric rise.

③ Visited with his delegate

NEW DELEGADO: RIO

Luis Toledo

(Dionizio's boss)

20 Feb 86

Thurs.

Jim expected great stormy silences, but Delegado ended up having his own agenda.

Man @ 38-42 years. A banker or economist. Looks very organized & a good manager. Has made Dionizio 2nd in command of office.

Jim + LAD talk about expanding Reserve & need to push ahead.

Thank Delegado for support & especially congratulate Dionizio on his work & recommend that he needs to spend more time in Reserve.

[Dionizio has barely been in PdA since October since

- a) FWS course was @ 6-8 weeks Oct/Nov
- b) he went to Belgium
- c) he was off whole month January.

Delegado's agenda was mainly what

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Thurs

to do about the Tijuca Park Rehab.

- Ch. (Triage - they go to 300
- " " " wild
- " " die)

They have had lots of criticism.

Delegado had several committees look + advise + most had different recommendations.

Combra recommends construct far from Rio because of potential zoonoses (animal disease \rightarrow humans). He was worried about yellow fever + malaria.

Others say stay in city, but move to other federal land.

I offer NZP help + advice whenever he wants it; but he needs to know what he wants from us.

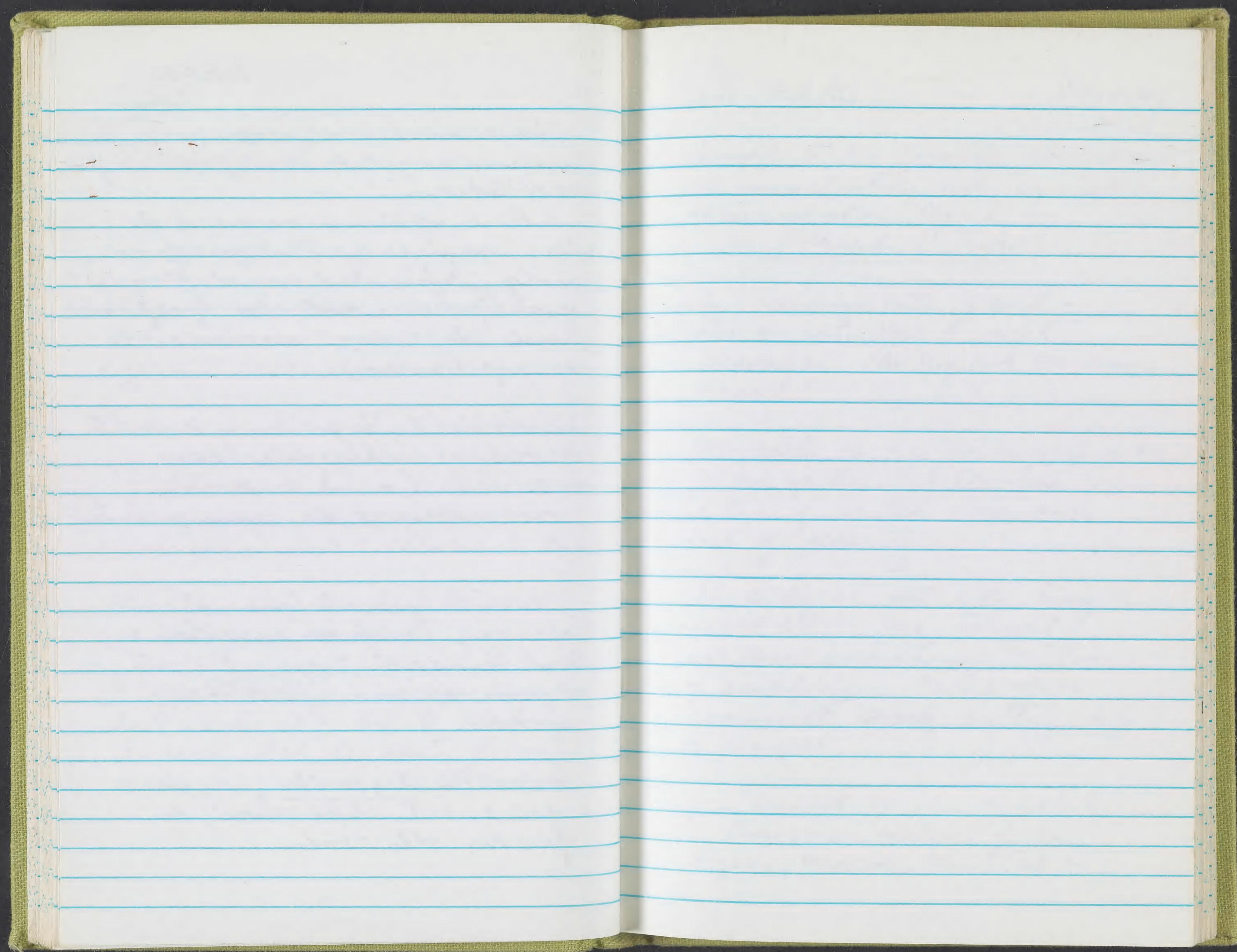
We recommend developing educational materials about problems of rehabilitation.

I think we also recommend 2 sites; one, a quarantine for newly confiscated animals [at any site] + second, an exhibit area of confiscated animals with a major conservation message [in town].

We will also try to put him in touch with the National Wildlife Rehabilitators in the U.S. (or at least the vets working at the Tijuca quarantine site).

We went to dinner with Combra at Restaurante Plataforma in Leblon. Good Churrasco + apparently with a good expensive floor show upstairs.

Discuss the chrysomelids; my plans for a GLT edited volume; a few other odds + ends.



21 Feb 86

FRIDAY

straight to Rio Consulate where we are immediately hit by new Administrative Office —

Mr. Everard Taylor

who runs us into ground - Who are we? How do we get clearance? How long have we been around?

Apparently, he has been brought in to clean up the Rio Consulate in terms of wasted money and lack of security.

He grills us, but acts busy + worried all the time. Schizoid, with some friendliness + lots of hostility. Writing memos; aggressively ~~strongly~~ putting staff on the spot.

Jim sums it up — an asshole.

Our later analysis of his bizarre behavior resulted in

21 Feb 86

FRI

- several thoughts.

- ① We had high security clearance, but only I had a red passport.

② ~~He~~ He had spent lots of time in Brazil and had a Brazilian wife, but got pissed when Jim spoke of his experience in Brazil.

③ He wanted to use us as an example / model of how a terrorist falls thru the cracks. And wanted to terrorize his staff.

We finally got out + LA and I managed to make some phone calls in a telefonista below IBDF.

[Digression: Making telephone calls is the biggest time waster of anything. Finding phones + getting on them. We needed to call Elza Swaget; Berant; Hilton Mago; Judith Block; Bastos, Celio Valle; and managed to get to Milton + Elza to leave messages].

Left for CPRJ @ 11³⁰ hours + arrived about 13¹⁵. Coimbra due to leave at 14:00. We start talking fast

① Exchange gifts. I spent the whole drive out trying to organize chrysomelas IDs

② Is he interested + would he support Jim's working for her MS at CPRJ - YES

③ Claudio Padua: He's really angry at C.P. and Russ M. for deciding to send Claudio to Gainesville. Says he's had a very difficult year, with CPRJ almost folding + his health suffering.

④ FONZ tour: Wants to think it over but sounds as though he might agree but only if M, W, or F. visit.

⑤ Doesn't want to co-author with Maria Teresa - Says she used to be nice but is now very arrogant + not making biological, but political decisions. I should talk to Russ.

⑥ He's agreeable to cooperate with Ballou doing the chrysomelas studybook.

21 Feb 86 FRI

We checked out all the Belgian
L.r. chrysomelas + some new
GLTs from Beraut.

Beraut sent 1/2 his GLTs to São
Paulo Zoo; 1/2 to CPRJ.

NZP male #5 is at CPRJ.

Also 1.0 chrysomelas to CPRJ.

He moved his animals because
apparently he had been away and a
number of chrysomelas had
died of ~~bad~~ bad management.

Got all IDs of the chrysomelas,
cross checked with records.

Asked Lorenzo his opinion; and
divided the animals between
LTA and NZP.

Several pairs had copulated: Lorenzo
thought one was pregnant.

Most had missing fingers + toes.

Three had major parts of their
tails gone! The damage was
actually astounding!

Camara was also sending 2

FRI

(21 Feb 86)

Captive-born pairs out; one brother/sister pair (\rightarrow D.C.); one young mated pair (\rightarrow L.A.). He has \approx 30 chrysomelas

Torrejo speaks of the species difference
rosalia more nervous + aggressive
chrysopygus more shy and passive.
chrysomelas hyperactive

We drove to Rio Bonito to try to phone info to Judith (at 2PM DC time Fri.). All phones down in town + no one knows if they'll be resurrected.

\$100 shopping stint at Supermercado including huge 5 lb. bags of sweet cookies; crackers; etc.

\$10.00 shopping at vegetable store.

Judith block

Tried phoning from O Gaucho Restaurant between Rio Bonito + Silva Jardim. No phone!

Tried phoning from Silva Jardim. No phone in working order!

Churrasco at O Gaucho + home to collapse. Jim may be getting "The Revenge."

22 FEB 86

SATUR.

0847 Writing notes on
front porch
AND

Hear GLT L.C. across
railroad tracks

0900 - 0908 ♀ GLT at house
3 L.C.

0915 ♀ GLT at house LC.

Went running for 1st time to
tunes of Jim Croce - @ 20'.
Had been doing ^{back} exercises, but
this is 1st effort at jogging.

Epidius Octavis ^{west} out to open traps
at 0600.

Jim & I go to Casimino.
He has 2 broken fans, a weird
car ~~car~~ problem, & needs to buy
some odds & ends.

I need to call Judith.

First phone (at bus station)
is out of order. Jim drives me
to a sawmill to use their phone &
& finally get thru to Judith, with
machinery and caged songbirds
in the back ground.

Wake Judith up at 0800 on Sat AM
(which she said she expected). Explained
that we hoped to have Jim & Lou Anna
carry the chrysomelas back to
Miami w/ 1/2 continuing on to
LA.

CHRYSONELAS

Information relevant to
Chrysonelas shipment.

- ① what kinds of health certificates?
- ② Need to send export permit. Then, tele permit No. to Judith?
- ③ Will PA accept GBL number?
- ④ Does CPRJ need additional transport cages?
- ⑤ Go through distribution of animals with Dionizio.

CAPTIVE POPⁿ

Dionizio suggests that if GHLT M.C. formally requests to IBDF through a resolution that all chrysonelas be treated the same way as a captive popⁿ; Dionizio thinks that IBDF would accept it.

encase
Rua Nogueira Martins 103 apto 14
Sorocaba 18100
Brazil

22 FEB 86
SAT.

Provided her w/ all details we had.
Made appt. for another call.
And got as much ^{into} as she could think
of concerning what we had to do.

Intend to split shipment:

But to have NZP import all
under our permit.

CPRJ animals are gift.
IBDF " " " loans.

Dionizio needs to ① get us export
permit to send — soon.
② make reservations for flights.

Also had Judith initiate with Horser
acquisition of all documents
related to our relations with
State Dept. and Rio Consulate.

New visitor arrives for
weekend. Education specialist for
Zoo in Sorocaba, São Paulo.

Has just returned from Jersey course,
Maria Cornélio (Nelly) Mergulhão, Parque
Zoológico Municipal, "Quinzinho de Barros"; Rua
Teodoro Kaizel s/n; Sorocaba S.P. CEP 18100
Telefone (0152) 322354

22 Feb 86
Sat.

Back to house @ 2 PM: Eat lunch
sleep, read, write notes, talk

Nelly from Sonocaba has been
asked to give a talk at AAZPT
meeting in Minneapolis in Sept.
Is ~~an~~ biologist responsible for
education program at Zoo.

Article just published in
"Revista Globo Rural" Ano 1
No. 4 1984

About Marco & Rita Schwartz in Mercedes
Curitiba, in Parana, initiating
a program to breed primates for
sale. Article includes photos of

S. bicolor
Bradytelos 2 juv.
GLT

GHLT

Chirogotes

S. oedipus

Cacajao rubicundus

and a blond ~~Apes~~ Apes -

suggests that IBDF gave them confiscated
animals but didn't approve them

until recently. ^(Aug 83) Also suggests that
they breed & concentrate on endangered

and a saguinus
branco from
NE Brasil
(*C. argentata*?)

President of Brazil Zool.
Society

Claudio ~~Jacomo~~ Jacomini
Director
Zoo in Rio Grande do Sul

22 Feb 86

species when in fact they probably
mainly breed Callicebus jacchus.

Schwartz ran a restaurant +
now is trying to make a business
about a hobby. Arrived in
Brazil about 1967 from
Zurich

Jim + I talk about problems
in Morro do Diabo.

- ① CESP to flood a good
piece of Reserve forest ~~to~~
after building 2 hydro electric
dams. Want to cut forest
before flooding. Anticipated
1987.
- ② CESP provides about \$1 million to
solve conservation problems.
Celio Vale volunteers.
- ③ Various people, including Jim, +
hordes of botanists, zoologists, etc.
wander through giving advice.
No action plan developed.
- ④ Laurenz Pinder goes in during a
course by Ken Glanzer on
immobilizing howler monkeys.

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Sat.

- ⑤ Laurenz traps one family group of L. chrysopygus which are rapidly sent to CPRJ. Laurenz angry, thought that he was there to assist in transplantation effort for chrysopygus.
- ⑥ Cory Carvalho of IEF - SP
Instituto Estadual do Florestal -
São Paulo
refuses to permit further trapping of chrysopygus.
IBDF and state flocking horns.
- ⑦ Deforestation estimated to be just about to begin.
- ⑧ What happened to CESPI's \$?
Who was in charge?
What were they supposed to accomplish?
Was there an action plan?

Elpidio Octaro & Jairis bring in 13 animals from 2 groups for processing.

22 Feb 86
Sat.

Wk process between about
1900-2400.

Basic conclusions:

	A	SA	Juv.
Banana	0.2	0.2	0.2

Ouro group (one 0.1 lactating)

additional adult outside traps
not caught.

Eucalyptus	1.1	1.3	1.0
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group. (0.1 non reprod.)

additional adult outside traps
not caught.

Some thoughts that have emerged
from trapping + processing +
before: Assumptions

(a) How do you determine an adult animal
weight; teeth; scent glands.

Recommended $> 550\text{ g}$

If under 550 g check tooth wear.

Heavy wear overrides weight.
If can't determine yet; check
glands.

Is a $< 500\text{ g}$; no tooth wear;
well-developed glands animal an
adult?

(b) What about reproductive Adult?

1) Impossible to determine if an
adult male is reproductively-
active from processing.
Must be seen to copulate!

2) ♀ may be called reproductive
if gravid; lact.; or with
large nipples.

> 4 nipple size suggests previous
reproduction.

Doesn't necessarily suggest current reproduction.

22 Feb 86

③ ~~Trapping~~ ~~adults~~
What are limits of weight for subadults?
DBK recommends 450 - 550 grams

- And Juvenile 350 - 450 g

And Inf. < 350 g.

check woolly pelage with weight.

Are there animals under 550 g. with developed sternal / circumgenital glands?

What does their tooth wear look like?

① What constitutes a member of a group?

1) How are group counts + sex + age composition determined?

② Trapping
animals trapped together may include neighbors if trapped animals =

act as decoys

(eg ♀ from Carlos group with Banana Ours group)

Could there be seasonal differences in

- ③ Attraction + repulsion of neighbors
- ④ Home range overlap
- ⑤ Degree of trappability of individuals
- ⑥ subgroup development
- ⑦ immigration + emigration

How do you differentiate real changes in group composition from trapping ~~data~~ data: with ~~changes~~ apparent changes due to ~~one~~ group members from 2 or more groups being trapped at same site?

Site selection: ① w/in known home range vs

② at ~~the~~ border of several home ranges

③ Visual confirmation + following of marked animals over several days / weeks. Use of same nighttime roosting site.

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(A)

Requirements for appropriate determination of mating system with sufficient reliability:

What % of stock is permitted? How to determine the mode thru relative abundance?

① Individual identifications in field

② Sex and age of individuals determined.

③ Reproductive behavior documented in field

ⓐ ♂: Copulatory behavior with ♀ that produces offspring.
Includes mount; thrust; known intromission [ejac. may be difficult to determine].

ⓑ [Paternity studies would be nice]

ⓑ ♀: Pregnancy confirmed.

Delivery date known within several days.

Lactational status observed.

Copulatory partners documented.

(B)

Requirements for strict territorial behavior interpretation:

- ① Home range sizes of known groups clearly identified
- ② Small % of overlap permitted at all seasons. Simultaneous visual confirmations of locations required to ensure that groups move separately.

[At PDA; would daily attempt to locate a group thru triangulation by worth it? Has diet compared perceived location with real location?

All locations should be collected between 4-6 PM when animals in nest boxes.]

(C)

How to determine degree of solidity; regularity of group size/composition/social organization? [e.g. does subgrouping exist seasonally; Do animals move between groups?]

1. Consecutive simultaneous observations of closely neighboring groups.

2. Trapping runs problem of trap site location relative to home range boundaries.

D Should relatives behave differently from non-relatives?

23 Feb 86

Domingo

23 Feb 86

Slept; wrote up my notes;
read Portuguese; talked
with John,

We ended up processing one monkey.
Traps not working!

24 Feb 86

24 Feb 86

Monday

Ran in AM - It's getting easier but is definitely still not pleasant.

Read some of Carlos Perez;
+ sat down w/ Jim to talk
theory. He has finally been
reading some collective
mating system work + is getting
excited about his data.

Also beginning to understand
some of the issues.

Elpidio - Octavio brought in
19 animals (!) which we
processed between 1700 + 2200 hrs.
Had a quick dinner before
working over the animals.

Jim has processing procedures
down to about 15 min/animal
including weights, measurements,
check records, condit., check
glandular development; dye them
w/ Nyanzel + tattoo them.

24 Feb 86

Zeke + Inez return in
the middle of the
processing + both help.
We end up with an army
of helpers climbing over
each other.

It's clear from processing
that in some cases there
are more than 2 letters
per group or more than
2 females becoming
pregnant. How this
relates to mating system +
social org'n. isn't clear.

Some of the animals coming
in are recaptures for
the 7th time and have

been tattooed for ~~study~~
~~etc~~ nearly 2 years!

It is very frustrating
with trapping, however, because
the animals you trap may
or may not be the whole
group and, the trapped
animals may or may not be
from the same group, altho
in the same location.

Lamont has trapped 2
sloths which are "hanging" around
on the floor while our
army processes animals.
Periodically Octavio touches
one + it comes out w/ a
most pathetic "mew" sound.
The sloths eventually sleep next door.

Amusing vignettes include
Octavio always being one step
ahead of me on animal IDs
+ patiently listening to me
explain the Nyanzol marks.

Insects everywhere in
the lab with Inez + Jim
periodically screaming +
panicking / slapping on
their legs.

The whole operation, is,
however, very smooth.

I slept really poorly with
2 mosquitoes buzzing around
all night + all my bites
itching terribly.

25 Feb 86

Tuesday

Early morning run to
tunes of ST Popular songs.
(Judy Garland.)

Jim + I drove to Pesagro. The
idea is to evaluate Butterscotch's
condition with Zeki + Inez +
make a decision about whether
and how she will be removed +
the logic of argument developing.

The observers from S. J. have been
feeding the group daily since
last week; instead of on ~~the~~
alternate days because Butterscotch
has appeared so hungry.

But whole group now responds
to the observers as feeders +
whenever a pack is opened,
they go for it.

While we are there watching
New Orleans group (No), Jim
(1045 hrs - make contact with NO group).

25 Feb 86

and I are both struck by how low to the ground these animals are moving. And how slowly.

Jeri calls them demoralized looking & they certainly seem less sure about what they are doing and where they are going.

They are active in fairly scrubby territory high on the hill. Haven't gotten down to the swamp area lately.

Observers have been struck by the fact that, their movements are slower & the two groups have not been interacting at all, even when very close.

(They were close to each other while we were there & at one point, Venus L.C. to find her group and certainly Wichita could hear; but did not respond)

Jim, Inez, Zignie & I sit in the middle of the largest flock of mosquitoes ever seen, while developing a train of logical thought together. I

(1) We agreed that feeding the group more rather than less was not useful for the group's future.

(2) we agreed that jeopardizing the future of the whole group for one older ♀ was not good, and that the NO group needs to continue to be challenged.

(3) We more or less agreed to cut back food & remove butterscotch if her condition deteriorates

(4) We also agreed that before returning her, we would

evaluate the group's condition.

If many movements, locomotion, substrate use, etc. had improved, we wouldn't return butterscotch, but send her to CPRJ etc.

Meanwhile butterscotch looked reasonably good.

Car trouble plagues us. Laurentz, because he didn't know what the budget was, hadn't been keeping the cars up —

All the cars are occupying about $\frac{1}{3}$ Jim's time.

On going to Pasagro we have to stop to have some repairs done and organize to leave the car to fix some.

On way out @ noon, it is hot, humid, I am exhausted, & hungry & bad tempered and we have to wait for

25 Feb 86

the car to be finished. Then
Jim has to buy ^{plastic} hoses for
car; bread.

We call Berant & the US
Consulate re: appts.

Need to find Idmar to
bring her back to Reserve
(our cook / laundress who
went into town night before)
She doesn't show up when +
where planned.

(They had been making
arrangements).

By the time, it's all done, I
am really bad-tempered,
+ we finally get back to
Reserve about 2 or 3 PM.

NOTE: They was accepted
into Jersey W.P.T. Training
course and needs tetanus
shots; chest X-rays +
Health Certificates. We

walk together down to the Health Clinic which is a 8dg @ 4 rooms w/
nurses giving slots *
& think, one doctor.

Jayz * I just walk right in * ignore the queue.

People apparently line up early in morning * take a number to be called.

Mothers with sick kids, crying kids, kids getting vaccinated.

Jayz somehow gets right in to talk to the doctor who ~~writes~~ writes her a Health Cert. on the spot.

But they don't have any X-ray equipment and cannot give her the tetanus.

Jayz plans to make a

25 Feb 86

flying trip to São Paulo and back to try to visit CPRJ with me, now that she is thinking of doing her master's on a comparative study of Leontopithecus.

I slept an hour, but then was off to lecture to a Conservation Club at Casimiro de Abreu - with Beth & Lon Ann.

This is a group of teens & pre-teens interested in biology & conservation that are meeting twice a month.

Mostly young boys altho the group also has 2 girls.

I lecture about the ^{GLT} captive breeding & research program & training for reintroduc^{re} in Portuguese

which surprises not only
me, but everyone else!

Questions are of the
type:

- ① Why do bats hang upside
down?
- ② How long do hippos live?

But some of the kids are
incredibly bright looking.

Stop to buy beer on way back.

Drank some beer when we return,
but no animals to process!

26 Feb So

26 Feb 86 Wednesday

Start the morning discussing
budgets & numbers of
observers needed with Jim &
Lon Ann. Jim a little tipped
because Sue changed position &
now want to support a full
helper for Andy; whereas before
& had apparently indicated only
limited help.

we figure out that we can
give the observers a raise &
hold onto @ a total of 5
people while still keeping
within budget.

slack is less than previously,
but still available.

Georgio arrives & Jim & I
go thru the needs of the
chrysomelas shipment.

Triage center

Jefferson Figueira de Mello
Av. Presidente Antonio Carlos,
607 / 12^a

IBDF - Centro de Triagem
de Animais Silvestres
Rio De Janeiro
(Telefone -
294-8048)

Milai dos Santos
Rua Major Rubens Vaz, 122
Gávea CEP 22470

IBDF Parque Nacional da
Tijuca
R.J.

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Diogenes will

- ① check on whether papers can get signed + sent
- ② see about flight reservations
- ③ Etc.

By lunchtime, there are also two men from The Triage Center in Tijuca Park, Rio.

They want to talk about how to get support for the ctrs.

Altho they do numerous necropsies, they don't have a fridge — nor a decent necropsy room.

They feel that some notice by + support from the * U.S. will help their cause.

We discuss benefits of constructing at 2 sites vs one; using The Triage Center for education; how opening

26 Feb 86

About 3pm I discover
1/3 ~~old~~ sloths
climbing up to my
bed in my
bunkbed arrangement

Jane & Octavio generously
remove it!

to the public for concer. educ.
would make it more difficult
for IBDF to bury their
budget.

They aren't yet a separate
clear-cut line item — as they
should be in the budget.

They get lots of bad press
and have even been hit by the
equivalent of the Humane Society

But they have minimal money
for support & work in really
poor conditions.

Laurenç goes to pick up
man from São Paulo who does
karyotyping on edentates.

Takes one Kombi but comes back
in out of breath since car
breaks down by railway station
and his contact is due in by
bus.

Ide borrows Dionizio's car

meanwhile I sleep a
bit more; study Portuguese;

In late PM before dinner,
we process only 3 GLTs.

They are not coming in in
the numbers Jim expected.

São Paulo karyotypes

Wilhem Jorge
had worked with Benischke
for 2 years in mid-1970s
and published some on
edentate karyotypes.

Later turns out that he had
contributed to Gene Montgomery's
book which is still unpublished
after 7-8 years or so.

In evening we drink beer
discuss Laurenz's future &
who would make good advisor
and talk @ Gene
Montgomery.

27 Feb 86
Thurs

27 Feb 86

Ran in early A.M.

Then drove to Pesagro w/
Zique to spend the day with
Wachita + New Orleans group.

Hit the forest @ 0930 hours &
made contact with NO group
about 0935 -

They had been fed the
previous day. Also Venus
had attacked Andrea the
previous day to try to obtain
food.

0950 hours. Butter scotch
caught & ate a good-
sized grasshopper.

But she (+ the rest of
the group) were doing much

27 Feb 86

of them foraging on the ground or close to it.

Initially it seems as tho only Prometheus - Butter. on the ground. But after a while, it's clear that that the whole group moving low.

1008 hrs. Venus at one point drops from about 15 m -
Thereafter seems to stay low.

Lancelot often separate from group or at least aloof.

They are foraging in leaf litter + dried dead branches + trunks on or near the ground.

Perhaps no fruit available.
and no trees w/ height
~~but~~ w/ either plant or animal food.

1020 4/5 of the animals on or near ground.

When Elgein ($\sim 10^{47}$) opens pack to pull out H2O canteen, I heard an immediate food chirp * ~~the largest~~, ~~I didn't know approached~~ all animals stopped * attended. No one, however approached Elgein closely.

11th We continued following group. They ascend hill - we are in spiny palms; dry, low stature forest.

Both Elizku & Elizama indicate that the group is moving further & faster than in recent days.

They are micro manipulating in dead wood,

but their locomotion is
good + jumpy + erratic.

Also they are surprisingly

quiet. Only soft chirps
whereas Dey would
have been long-calling +
having encounters in the past.

Explanations (?)

- ① Habitat they are using
- ② Buttercotch's condition w/
resulting instability in
stable group
- ③ Being fed.
- ④ Being pushed out of decent
territory into marginal
habitat by Wichita group.

Also not clear why they are suddenly moving so far today compared with previous day.

About 11²⁰ hours Venus finds a

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Toad which she tries to eat. Frothing at mouth.

Head shaking. She continues to carry the toad from place to place, but doesn't kill it or eat any part of it.

Eventually she drops it. + moves on, after carrying it for @ 3m. The toad is clearly unharmed. (Photos taken)

Are toads more common on the ground than frogs in a tropical rain forest?

∴ GLT desire to eat frogs + what ever built in responses they have are confused by ~~reptiles~~ their foraging on ground + confusing frogs and toads.

About 1147 Lancelot is high up a tree + apparently Promethus approaches. For about 3-4 min. There is a periodic loud rasp / squeal from an animal high up which sounds like an animal in pain. The two observers indicate that it isn't uncommon for one animal to approach another ~~who has~~ food + really scream / rasp loudly, to try to get food away.

I'm surprised by the loudness of the sound and its defensive / fear components

Elzain thinks that Lancelot caught a frog.

At 1204 Promethus is eating a yell frog at a relatively low height (~ 3m).

As he finishes eating animal (starts head first)

12/26/86

he chirps a few times + some other group members attend.

It was almost like a food share cairn. (@ 1208 hrs)

Then Lancelot approaches, bat, Prom. eats the last leg!

At 12⁴⁰ hrs Elezama took me over to watch the Wicuña group.

As I arrived (observers Marcelo + Andrea) they had just entered a fruit tree.

Clumped small purple fruits (~ 1/4 inch diameter)

(I think they are green when not ripe)

The crown is @ 15m high

and from 12⁵⁰ - 13¹⁵ the group feeds in this large fruit tree.

Feeding chirps accompany the bout + animals are surprisingly comfortable moving in + out of the heights and hanging on very thin, flexible twigs to get at the fruit.

This group is certainly moving higher + with more self assurance than the N.O. group. They are also more comfortable looking.

13¹⁵ They one by one leave the tree; ~~St. L. by 2:30pm~~

~~Marie~~ I had poor IDs.

They then spread eagle on some 75 branches

27 Feb 86

and have prolonged period of rest but not huddled + with limited grooming interactions.

Clearly being satisfied w/ food + hot leads to a spread resting bout.

Of course, probably no more than 5 m between the furthest members of the group.

Heights vary from 3-4 m. Jackie + Pepe periodically lay together in a line, but not huddled.

Animals look as though external marking while resting altho. not.

We are @ 1-2 m from individuals but they seem totally unconcerned.

1405 After rest, they return to fruit tree and feed between 1405 - 1428

1428 Juan, Maria, Jackie, + Pepe leave the crown, in that order + return down to lower heights for more resting.

During next rest period Juan seen agl Maria several times. Maria's radio antenna is chewed but the radio seems OK + functioning.

1432 - Whole group has another resting bout for @ 5 min.

Resting overhanging boughs or 25 branches separated.

27 Feb 86

Jackie looks very pregnant to me & the observers indicate that they think that Maria is also pregnant.

1444 Jackie defecated.
Feces firm, oblong & very dark. Look excellent.

Juan to ground while Pepe starts foraging & begins eating bromeliad leaves.

15⁰⁶ Juan eating something that is insect or perhaps crustacean-like animal.

Light colored - with three pairs legs close together. Could there be land crabs that look like that. Some photos taken.

We leave Pioagro about 15³⁰ hours & return to Poco das Araras

27 Feb 86

After a shower, Jim, I
Elpidio, Octavio and I
process 4 animals. One, a
very old unmarked ♀, never
before trapped.

Her forearm is broken
at the humerus, near
the shoulder & it looks
like a new break.

Later Jim speaks of Elpidio
who indicates that he
doesn't think so because
she emerged from trap and
climbed a tree straight away
as tho not at all inconvenienced.

Meanwhile Jim & I are guilty
after processing because
it looks like a break
caused by the trapping procedure.

After dinner Jim and I
get into argument @

his trapping of Pandora & Aphrodite
after they were removed from
the single tree they occupied
in Beagro.

Jim casually "trapped them
in the little cage beyond field
headquarters" & found
that they were incredibly good
when released.

I get up tight because I detect
criticism of Ben's techniques &
how ⁱⁿefficent they were.

And Jim's saying "maybe we
didn't need to spend all that
time & money" & I
say but we're doing research &
there are too many
variables & you don't even
know what you did!

And so it went
until bed!

28 Feb 86 FRID.

Spent most of day writing up notes,

discussing admin. w/ Jim +
Lou Ann (2-3 hrs)

and discussing biology w/
Jim.

Elpidio + Otavio didn't
get any monkeys.

Issue is age/sex distribution
of callitrichids.

Are they possibly like canids
where the sex ratio changes
from male-biased in
stable saturated populations
to female biased or 1:1
in growing expanding
popns.

Carlos Pess mentiois
L. mystax sex ratios being
different in Ramires study

where she was studying
recovering populations after
a cropping effort vs.
Garber working with a
stable saturated pop'n.

Check it!

L. rosalia sex ratios are about
1.7 in the Reserve, but
population may be expanding.
We don't know.

Jim + I go to Casimiro ^{to go} to talk
with Judith in DC about the
chrysomelas shipment. All is go on her
end. Also speak with Ben briefly.

NOTE: Brazil devalued the "cruzeiro" this
morning for 1st time in 20 years + changed
the name of its currency to "cruzado".
Official exchange rate on arrival was
13,000 cr/ \$ (unofficial 17,500). With
the change official rate now 13.8 cr/ \$
(unofficial ~ 20 cr/ \$).

Wages + prices were frozen. Banks
closed today. Some rioting. Lots of
worry.

Sat.
1 March 86

1 March 86

Jogged in AM - Felt awful
as usual.

Continued to read Carlos' paper
on group structure in
L. rosalia + callitrichids

Useful for thinking.

Finished document for ST
Research Policy Comm.

Started + completed updated
list of telephone numbers
& addresses for Brazil.

Went out with Jim Elpidio Otavio
to check the traps at Portunse
and along the new road to
Aristedes house. Jim + I

1 Mar 86

Talked about how to maintain the road - Deorio hasn't really been thinking about long-term management.

Several thoughts emerged.

- ① Open up several old roads with a bulldozer and maintain them as roads + for firebreaks
- ② Extend Bissel's road until the edge of the Reserve where the new Headquarters is being built.
- ③ Maintaining firebreaks

Walked down the length of the Portense trail with Otario.

Nice trail - easy walk - The forest feels good.

We get no monkeys

2 Mar 86

again but leave the traps open for another 2-3 hrs.

We return about 2:30 & it begins absolutely pouring with rain. Had had a regular PM downpour, except for the past few days.

Otavio & Elpidio go out again.

There were @ 4 animals trapped but they were ^{re}captures. So they were released.

Otavio said that he took off all his clothes & checked traps wearing only a rain poncho.

Trapping: Elpidio & Otavio have tended to leave house @ 0600 hours to set traps usually setting about 8-10 traps per site and about 5-6 sites. They check traps about noon & again at 3 PM. When they have

trapped many tamarins by noon, they'll bring them in for processing.

Thus, there ~~is~~ was one day when Jim processed two batches of animals.

Trapping data is very complicated!

After return, I wrote basis for a press release when (and if) the ~~chrysospalax~~ ~~chrysospalax~~ chrysomelas leave which happened, Beth & Inez later turn into Portuguese. I also write letter to Dionizio to go with the budget summary we gave him. Inez returns back from São Paulo.

N.O. group is worse according to Inez & Jeka with Butterscotch & all other on ground & Butterscotch & Venus begging for food. Venus rapping

N.O.
The group is getting worse.
Scotia approaches one of the
observers for food — He
pushes her away & she ends up
on her back threatening.

Andrea stays over to make cake
for churrasco next day.

2 Mar 86
Sund.

Churrasco planned for today
for the whole OLT crew.

How Ann expecting 30 people!

I spend my morning cutting up
tomatoes, green peppers and
my fingers!

Kids start arriving about 12:30.
~~12:30~~

Two business meetings:

- ① All the reintroduction
observers:
Jim explains [@] how he plans to
give them raises
- ② That Zigne will be their
administrative boss & Andy
their biological boss
when Andy goes.
- ③ Gives them some field clothes
- ④ Talks about doing more
early evening & early AM
observes.
- ⑤ details Zigne's duties
- ⑥ vacation time
(1 week (6 mos))

② General meeting with everyone where Jim thanks them & I thank them.

For churrasco

12 kg chicken

? kg. sausage

? kg. beef

Don Ann says they usually plan on about 1 kg of meat / person.

Food includes ^{chopped} tomato/onion/green pepper rice, beans, baked potatoes, bread; chicken, beef, sausage, tabui.

and cold Antarctica beer!

Volley ball after lunch.

The "mata" kids are really good. Clearly Brazilians are trained well in volleyball, very controlled players.

The mata kids:

Andrea - from very poor family apparently with problems - Only women in mata except for Dnes. Hates taking vacations. Makes a good cake. Very responsible.

Elzir - wanted to be biologist but failed his exams to enter university. Joe lectured him several times about studying. He's one of the brightest & most charming of the kids. Also from a family that can pay. His charm reminds me of Karl.

Elzaine - Zignes' brother. Nice, but not so bright.

Manelo & Luis I don't know well since they're relatively new. Luis seems bright.

Paulo just passed exams to become an IBDF guard & will eventually leave project when a job opening occurs.

By now Jim has talked with almost everyone. New decisions about administration.

Recommend a Mond. ^{evening} ~~morning~~ meeting among all major personnel (Laurenz, Zigne, Beth, Andy & Troy) to discuss what will be occurring during week & to air problems that individuals might have.

Laurenz too authoritarian & uptight. Troy too sensitive. Unclear distribution of responsibilities and authority.

3 March '86

3 March 1986 Monday

Up at 4:30 AM to leave house by 5:00 to catch 8:00 AM flight Rio → Brasilia. We are supposed to meet Deonizio somewhere on a street corner on the way & take him to airport.

As we're driving the carburetor starts giving out and Jim is constantly trying to accelerate at a rate that will keep the car moving.

At one point it looks like he's cleaned it out (whatever is plugging it) & the Kombi seems to run fine. His hands are clenched! The car starts giving out again and just gets worse & worse.

About 7 AM we pull over at one of the police little stations & Jim talks to ~~the~~ about how & whether we could get a bus to Rio to get to the airport.

It's pretty clear that we won't make the plane.

We're about 26 km from Rio.

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Jim figures on leaving the car, having Zique & Drey come with us to the airport, & then having them take a bus back to a town near where we left the car in order to find a mechanic to fix ^{the car} ~~it~~ on the road.

Miraculously, within 2 minutes of our stopping & piling out of the car, a taxi passes & we flag it down & pile in with luggage (a bit crowded!)

The taxi runs us thru the Mond. morning rush hour in Rio and gets us to the airport at 0745. Plane due to leave at 0800. We still don't know if we'll make it.

Get our luggage checked & boarding passes but no

sign of Dionizio! To Gate and on bus to get plane.

Still no sign of Dionizio! The second the bus is about to head for the plane @ 0802, Dionizio shows up. He'd waited & finally got a taxi at 0726 & just got in the gate.

A cliffhanger — but isn't it always like that in Brazil.

Plane packed and we have an IBDF car waiting for us in Brasilia.

Straight to the IBDF offices where we meet

Lourdes; Raquel; Marlezi; Ivo;

and start out in the office of Review Director of the DN.

Joséio sits us at a round table... conference in his office & we start --

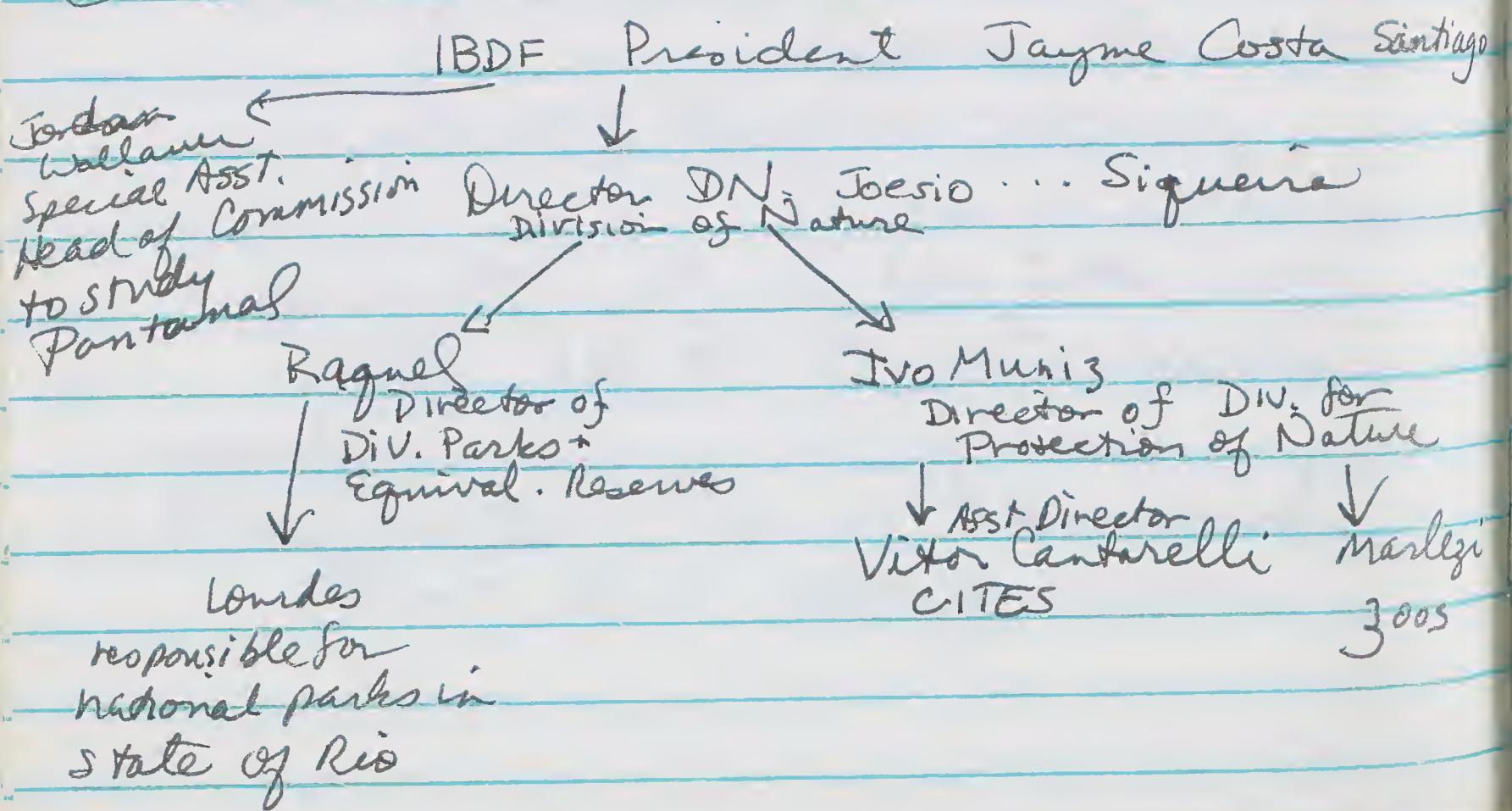
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IBDF

Talking right away @ the chrysomelas.
Jesio has entire chrysomelas file
in front of him including
Coimbra / Pissinatti's ^{original} report on
the condition of the animals.

Impossible to summarize progression
of the discussion since there
were contradictory responses to
some questions.

Jordan Wallauer came in during the
meeting + clearly there was disagreement
between him + Rael.

① Current Structure:



Prior to our arrival, Deonizio had spoken with Rael on the phone + she had told Deonizio that she wouldn't touch the chrysomelas issue because it wasn't known who was responsible for what in the DN with the new Director.

Once we sorted everything out, it seemed reasonably clear where the responsibilities should remain, and responsibility for different issues was delegated by Jesio.

② GLT Internal - Comm.

Asked who should be the IBDF representative to the Int. Comm.

Discussed representation by Jordan + Maria Teresa. The former originally being for the institution + the latter for both her experience, status, & knowledge + institutional affiliation.

Jesio made it clear that he would have a representative delegated to the Int. M.C. GHLT.

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but not any representative would represent the office. Therefore any correspondence related to the IBDF/DN should be sent to:

Departamento de
Director de Parques Nacionales e
Reservas Equivalentes
attn: Projeto Mico-leão-dos-cara
dourada

Other mail sent to a person should have their name on it and ~~to~~ have added : PESSOAL (personal)

Eventually after 2 days of discussion with individuals + some thinking, I decided to leave Maria Teresa on + recommend that Jordan also be left on but that an additional institutional member for IBDF be added.

[Joesio wanted to know how the Comm. was formed. I said by Mallinson me, mittamerier. [Actually, I ^{probably} gave him the impression that we were self-appointed although on remembering, there

was input from IUCN, WWF, + some other organizations as well as people.

By afternoon of 4th March, it was decided that the Internat.

Mgmt Comm. would be responsible for the management of GHLTs in captivity while IBDF would retain ownership of all animals + their offspring.

Late on the PM of the 4th we prepared an M.O.U. signed by JMD, Deozio, me, Joesio, Ivo + Cantarelli on the function of IBDF + the Mgmt Comm. in the management of GHLTs in captivity.

Major points were that:

- ① IBDF retained ownership.
- ② Participants in Art. Breeding Prog. cannot sell animals.
- ③ M.O.U. evaluates qualifications of applicants;
 - a) is given authority to manage the captive popn
 - b) develops standards + protocols
 - c) makes recommendations on transfers, ~~etc~~ pairings etc.

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- ④ Partcip. must abide by M.C. decisions
- ⑤ Partcip. must send inventories to NC for studbooks
- ⑥ Partcip. must contribute to reintroduction program should IBDF initiate one at an appropriate place & time
- ⑦ Scientific publication, ^{based on animals} should be sent to MC for distribution to participating institutions.

Erongzo, Jim, Ivo and I drafted the M.O.U. ⁱⁿ pencil & had it typed by 6PM. and signed by 4 of us.

Given that we knew nothing about what would meet in Brasilia, it was astonishing that we reached the agreement.

It permit the M.C. to make decisions on Japan, La Palmyre in France & and then ask IBDF to recall animals.
 [Joesio indicates that IBDF could negotiate directly ^{*} for the remaining animals]

Earlier when discussing the Japanese & French animals, it was my impression that IBDF had decided that since

* Mallinson supposed to request that (1) IBDF treat entire captive population the same way and (2) requests that IBDF initiate efforts to get Japanese & French animals returned — BUT IBDF may have already agreed to leave the animals

these institutions had agreed to abide by an international agreement, that they therefore could keep the animals.

This, it turned out, was partly because they couldn't figure out what to do with the animals, if sent back to ~~Japan~~ Brazil from Japan. I explained in depth to Cantarelli, the CITES rep., that setting such precedents was bad!!.

Also even recommended that they ask São Paulo zoo to send some of their animals out to open up cages to receive ~~Japanese~~ animals. But I think that they lose total control over the animals once they deposit them with a zoo. (also all descendants belong to the holding zoo).

Also, when I first dictated the major points concerning the Int. M.C. for GHLI's ~~relation~~ of IBDF ~~to~~ (The M.O.U. we finally drafted) & Joesio said OK, I asked whether Brazilian zoos shouldn't have to meet the minimum standards & be evaluated by the M.C. as well.

He agreed, but clearly no one

based on Jordan's comment about the Japanese agreeing to sign the agreement: it's OK for them to keep GHLI

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thought they could enforce it. Although I think they agreed that making the Brazilians participate was one way to force a raising of standards.

③ Belgian GHLTs:

Joséio indicated that IBDF via the President had asked ITAMARATY, the State Dept., to permit Brazil to export the Belgian GHLTs.

The Export Permit depended on Itamaraty's agreeing to the export. The letter signed by the IBDF Pres. had been sent out 26 Feb. but no reply had been received. Since we had an afternoon apt. w/ the Pres., Joséio determined to ~~hold that~~ present the problem.

We met Cantarelli, the CITES Management Authority (Stanford shirt, 2 days in a row) who said that they had already heard from the US. CITES Mgmt Authority.

[Later Pres. said to proceed w/ all due haste in trying to get

the Itamaraty OK + delegated respons. to Joséio.]

On 4th March while in Joséio's office he calls Itamaraty + talks to administrator Fabofo the person to whom the letter was addressed. [says that — according to Jim — he's got these Americans on his back; want to take the animals back; when they leave (to accompany them); can be search down the letter; everyone thinks it's a good idea to have the ~~State~~ ^{IBDF} Interin. Captive popn instated] ~~IBDF~~

Sounded like IBDF Brasilia again decided to resolve an issue + assist us, and they were acting quickly + efficiently.

We eventually got a Xerox of the letter Santiago sent to the Itamaraty —

During joint meeting on 3 March

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Monday

- in retrospect, Jordan + Rael
were disagreeing + we were unable
to reach an agreement with both
present.

Before Jordan's arrival, Joesio asked
all staff whether the animals should
be exported for an Int. ~~Int.~~ ..
breeding program, they all said yes.

Joesio kept emphasizing the importance
of developing process + procedures
for dealing with such problems,
which, I think, is why he approved
by M.O.U. text. He early on
said he wanted a document to
institutionalize the way GHLTs were
handled in the future.

[Jordan mentioned providing more
resources to institutions w/ GHLTs
for housing + food. Subject of
FCEMA's ~~loan~~ refusing IBDF
\$ came up. Jordan suggests having
IBDF funnel money through FBCN
to Coimbra instead of thru FCEMA]

④ Foco das Antas.

One major issue was to try to
get the IBDF President to
push to increase the size of
PDA. This issue, although
of major importance didn't get handled
until almost too late. But Jim +
Dionizio went over the needs w/
Joesio + Rael first + eventually w/
the President.

There are ~~when~~ alternatives available
for expropriating land, but some do exist.

Also - on way to Zoo next day,
JMD talked to Dionizio about
getting money to maintain firebreaks
maintain + extend to new
headquarters. The road to
Austedes house which nearly goes
as far as the edge of the reserve
where the headquarters ^{are} (Need to
by-pass or build bridge over swamp).

Dionizio mentioned to Lourdes,
who agreed immediately.

(Dionizio ^{st.} needs to be told what
to do. He has good judgment

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and makes or recommends sensible decisions BUT won't initiate anything new & hates to change policy — e.g. guards not in Reserve lots and he hasn't developed techniques yet for dealing with it. For making guards do their jobs and ensuring continued protection of Reserve.] [e.g. he needs the equivalent of a Keeper daily report from each guard with a list of day activities & performance standards for jobs & a telephone at the New Headquarters to communicate with the guards.]

⑤ Jordan is now Special Asst. to Director in charge of newly formed Commission on "The Pantanal,"

⑥ UNA - we talk to Ragnel @ Una Reserve. She suggests that they now plan to take a degraded part of the Reserve and move the squatters into it, instead of bringing them out. She & Jordan disagree & rather vehemently about

whether the money for the removal of the squatters is still available.

I'm very uncomfortable with discussions about Una's protectors. Too many contradictions.

[Later Jim said that Ragnel & Jordan disagreed totally on whether the new Delegado was or was not ~~supposed~~ supportive of work in Una.]

Jim raised the question of future research in UNA & problem of too many chiefs. Ragnel said that they needed a plan. Also indicated that letter to Angela re: our visit to Una was not in the files. Neither Ragnel nor Toesito had seen it.

Jim's concerns about potential conflict over UNA research not picked up by Ragnel who wants to take 1st steps 1st. Need Management Plan w/ recommendations.

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IBDF
11nd.

⑦ NZP interests:

(a) we discuss IBDF's role as a record keeper & how IBDF needs to understand the basics of record keeping - Recommend to Joesio that someone be delegated to come to the U.S. to NZP to gain more experience in animal management; development of protocols for breeding & maintenance; how to set mgmnt. standards & keep them; ^{animal} shipment Computerized inventories; ISIS and AAZPA organization & function.

On 4th March late PM we are told that Joesio would like to see IVO receive ~~the~~ type of training. Jim & I discuss a short-term visitor program for IVO; how to fund it (SI, WPTI, etc.) and how long.

(b) Species: we briefly indicate NZP interest in expanding studies to other species.

Joesio recommends that we write a formal letter indicating our interest in further collaboration & with some specific species named, e.g. *Speothos Chrysocyon* & *Pteronotus*

⑧ IBDF-owned GLTs. Late on Tues. PM Jim & Dionizio draft letter ~~to~~ donating ~~the~~ management authority of GLTs deposited in US in 1981 and their descendants to zoos in which they are deposited. (I later realize that ownership of descendants, by Brazilian law, is always in the hands of the receiving institution.

(That's why there are problems w/ GHLTs ownership in Brazilian zoos). IBDF only ever owns the original animals - ?!! We have agonized over this issue for 4 years & I think the solution was always staring us in the face! Good grief!!

⑨ Brazilian zoos - Discuss with Joesio & IVO & Cantarelli need to set standards for zoo management.

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Mond

They are fairly frustrated by their inability to enforce anything — eg stop selling or trading of endangered species.

They don't get inventories, once they deposit animals.

Ivo will go to the ^{new} Brazilian Zoo Society meeting. [we try to figure out ways to attend or be represented, but never can]. [Scheduled for March 16-20 in São Paulo].

Ivo can also learn about function of AAZPA & perhaps assist in recommend to IUDZG, a few Brazilian reps. for membership.

We need to look into the functioning of the Zoo Society and how interactions occur among zoos.

⑩ We briefly refer to Rudy's course & the possibility for them to have biologists attend as Deonizio attended the FWS course.

Lomides takes us to hotel to check in & we have a quick

lunch. We return to office since we are scheduled to meet with The Pres. at 3PM.

^{Say me}
Before meeting with Santiago - Pres IBDF (meeting scheduled at 3PM - had been organized by Ibsen) - we sat down with Raydel & Joesio to review what discussions we would have. It was clear that Joesio was planning to be present & to run the show.

Jim brought up the problem of the reserve size & Joesio made the list.

The meeting was late and short.

The Pres. apologized since he was ducking out of a meeting with equivalent of Congress people.

He was short, older, brief, and delegated mostly everything back to Joesio. He took no notes & had no ass't. or sec'y with him.

He agreed to look into the augmentation of the Reserve w/ the Minister and the Belgian GLTs would be organized thru State Dept (Itamaraty).

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Jim made a brief speech thanking him and when we left, I wondered what we had accomplished. It was a very formal meeting, and I wondered what the President knew or cared about. (Later we heard that he was planning to resign in about Oct. + the only reason he was in was to get IBDF functioning. Joesio + he both appear to be administrators. (They are both supposed to be economists) - Interestingly Joesio was firm in wanting to get organized + obtain results and he spent a lot of time w/ us. (Even called the State Dept. personally the next day). He kept telling his people to develop standardized procedures + write them down. Other than that he acted like a bit of an obnoxious arrogant asshole.

⑩ Finally Jeremy Mallinson needs

to write the DN; Director saying
① that the Int'l mgmt Comm. is happy to assist IBDF in whatever manner to take action to bring the Japanese, Belgian + French animals under IBDF ownership + M.C. control and
② asking DN to appoint a rep./delegate to the Latin. M.C. from the DN.

After the interview we return to the DN office + discuss issues a bit more with ~~Ricardo~~ Cantarelli re: the GHLI shipment. Jim tries to explain about ownership + animal records

Dinner with Jordan Wallauer + wife Maita and Patrick Dugan, young + a Scot just hired by WWT/WCN; Olands to coordinate their wetlands programs. Is involved in development of plans for Pantanal which is Jordan's new commission.

Jordan pleased w/ having a job that permits him to read, think + be creative. We eat a superb meal of "carne do sol"! Then back

7 March 86
Tues.

apartment
to Jordan's home for some wine
(J. a wine connoisseur)
(later Lon Ann explains that his two
children are by his first wife, who
died when their youngest was about
a year old. He raised his sons for
several years before meeting & marrying
Marta. I think some of Jordan's
sensitivity & conviction & security
may relate back.)

7 March 86

(A) MARIA TERESA

Started out the morning with a meeting
with Maria Teresa. Jim & Lon Ann
maintained most of the conversation
in Portuguese & spoke of education
& conservation, zoos, wildlife
management, Rocky's training
course etc. Significant outcome

(1) IBDF: M.T. was just about to testify
before some judicial commission in the
attorney general's office re: The corruption
under the previous President IBDF.

a. She looked awful - unrecognizable -
hair messy; not very attractive outfit;
no make-up; no jewelry. Not at
all the normally overdressed bejewelled
M.T. Jim thought she was playing
her image down to make her
testimony more believable. A
dowdy looking civil servant!

(b) She said things ^{were} so bad that she
wasn't going back into govt. for
3 years after next elections.
Implied that next elections
would → govt change.

4 March 86
Tues.

② CESP: Her current job is as administrator of CESP's Brasilia office. CESP produces 40% of Brazil's power (also own 300 — apparently, near São Paulo). She is acting as a lobbyist for CESP and ^{several} other private power companies (4 other companies) CESP only energy company which is a member of IUCN.

③ She never received my invitation to join in on ^{GLT} The book by co-authoring a chapter with RAV & Combra. I can go back & re-think the invite.

④ Her assistant Sandra Charity has been with her since CESP/São Paulo days —> IBDF & —> CESP/Brasilia. Knows Nelly from Sorocaba.

⑤ She is willing to stay on the Intern. MC for GLT. Says she has lots of time since her asst. does so much good work.

⑥ M.T. big idea is that she is about to incorporate & develop a Conservation Foundation. Provides us w/ a copy of initial document — draft of incorporation. Her Fdn. to lobby in Brasilia & raise big bucks to initiate & pursue research. She's thinking of buying land like Nature Conservancy — or having Nature Conservancy buy land thru her Fdn.

She's talking about big research projects in Pantanal; conservation education et al. Says that FBCN is old & distinguished organization w/ old & distinguished personnel. Isen is about to step down as Pres. & there is no one w/ charisma to continue work w/ any force. Thus M.T. will be competing directly w/ FBCN. But they have never raised funds. They tend to act as a conduit for funds other people raise.

She also talks about collaborative projects w/ all her supporters, eg Jordan & Marley. Going to support international Congress

4 March

Tues

on the Pantanal. Obviously tries persist. Jordan heads a commission on wetlands + the Pantanal. M.T. will collaborate.

⑦ MT says that Paulo Nogueira Neto will certainly leave SEMA in the autumn when all the ministries change over heads. Apparently he finally has a govt. he cannot work w/. "He's been head of SEMA for 11 years + is tired."

maria Teresa needed to get to the Attorney General's office + gave as a ride to the Zoo.

⑧ ZOO - Entered; Looked for Director; Person who seemed to be Director turned us over to Veterinarian + Biologist.

We later find out that the Director is recently appointed but has been with the zoo for 28 years + started out as sweeper.

The biologist is young + speaks fractured English.

Jim translates for me.

- ① We offer education exchange
- ② Collaborative projects.
- ③ Training in animal mgmt + vet medicine.
- ④ whatever else

Jan Ann has batches of stuff she turns over.

The Director sits in for a while + then leaves. The biologist opens up and is totally demoralized.

- ① Zoo run by Zoo-botanical garden under Ministry of Agric. of city.
- ② They have no budget + no access to money.
- ③ No leeway to do extra projects.

Everytime we make a suggestion they respond with "Yes, but ..." It gets frustrating because it's as though we cannot get thru to them.

4 March
Tues.

The zoo itself has lots of land
& some very nice enclosures,
several islands with
Mico/ Cebus/ Saimiri/ Nasua
in a large man-made lake.
Lots of large bird enclosures & a
couple of good caiman/ alligator
enclosures.

They have a family group of 6
Pteranura & have already sent
some to Germany. Also
breeding macaca americana.

Other few mammals, especially
South American, since ~~also~~ they
had planned to have only
Brazilian fauna, they were
pressured into bringing lions/giraffes
and some other African wildlife.

Really sad state is that the state
govt just took a rundown
favela in the zoo grounds &

made it presentable so that
there are 2000-2500 people living
in favelas within the zoo grounds!

Apparently they were caught
killing & eating Capybara, as well
as some other zoo species.

The "governor" of Brasilia decided
on making the zoo habitable for
people — a terrible decision!

⑥ Milton Mago de Mello ~~is~~ met us
at the zoo & dragged us, ~~unconsciously~~
unknowingly to his primate
center (his fazenda).

Milton's primate center
has 3 rows of Caimba-like
cage with Callithrix jacchus &
C. penicillata.

Narrow cages but OK for Callithrix
unfortunately he'd had an outbreak
of diarrhea the previous day &
didn't know whether he had
some disease or just bad
manners.

He has plans to ~~the~~ build a

Tues
March 4

building for breeding Dolus +
doing malarial research.

Some gossip - ① Doris, his student, who I liked very much, but who would never let anyone into her study area has gone political and xenophobic. Milton is rather angry with her.

② Carlos Alves after being kicked out of IBDF apparently worked at the Brasilia Zoo + was sent to Jersey for training. According to Milton he smoked dope a bit too frequently, caused a ruckus, + got ~~to~~ kicked out.

Had lunch w/ Milton at Praga Place + talked about Rudy's course to come + the one past.

Milton said that Celio Vale's section

was totally disorganized + the students complained ~~badly~~ bitterly, while praising Jern + the Loco das Antas crowd's contribution.

Milton hates Jordan because he wouldn't give him permission to bring ⁱⁿ masses of apos without having decent housing.

Milton organizing the 1986 Internat. Primate Congr. in Brasilia! Wants me to organize symposium on reintroduction.

Milton drops us at IBDF @ 1hr late, but no one there anyway.

⑤ ~~IBDF~~

IBDF

We spend about 3 hours finally working on a document indicating IBDF's understanding of the OHLTs. + the Inst. M.C.

It starts slow + with do-sis again, but we eventually reach

Wed AM

good agreement.

Jim, Lou Ann + I have dinner at a place that Jordan wanted to go to before.

Talk at length w/ Lou re: his coming to NZP for training.

Possible funding sources

FWS; WPTT; WWF.

SF Short-term Visitor Program
How about AAZPA ???

Worbel study - >

Wed AM 5 March -

Catch 0745 flight for Belo - late + slow. Finally arrive @ 10:30 + head for Bastos house. Jim + Lou Ann have a list of stones to buy which is outrageous + I end up buying much more than I want or need.

We then hit the Folklore Palace + I spend another \$125 (\$760 at Bastos).

Jim + Lou Ann then have appointment w/ faculty from Vicoso who are trying desperately to buy both of them.

We get to airport in time for flight after jointly dropping \$1600 w/ Bastos and then fly to Rio to Novo Mundo.

Exhausted.

Thursday

6 Mar 86 -

(A) US Consulate

First thing hit the American Consulate to see our new buddy Er. He didn't improve, with age at all.

First acted as tho we didn't have any appt. Then noted that it was on his calendar.

Said that they could continue supporting the project at the current rate.

Came out with a few specialties of his:

- (1) Has been everywhere in Brazil + hates to go to the same place twice
- (2) Thinks monkeys are dirty.
- (3) His in-laws have land up near GLT country - probably Cabo Frio.

(B) BDF -

Met Drongio -
Big crisis of Lawrence

CNPq application. He forgot to sign it.

¶ Lourdes noticed it in Brasilia when Dionizio brought it up. So they desperately tried to get hold of Lannery to arrange a meet.

Apparently they were only able to find Lannery at 2AM thru his ex-girlfriend since he never told anyone where he stayed with his aunt.

They arranged for him to meet Dionizio at airport. Which worked

What didn't work was some bizarre arrangement where Dionizio gave the documents to someone flying to Brasilia

to leave at some counter, with the idea that Lourdes would pick them up & deliver them to CNPq. Unfortunately the man never showed & as of life off from Rio for me, & never found out if Lannery got his application in under the deadline.

At IBDF, we had an interview with a reporter re: GLTs.

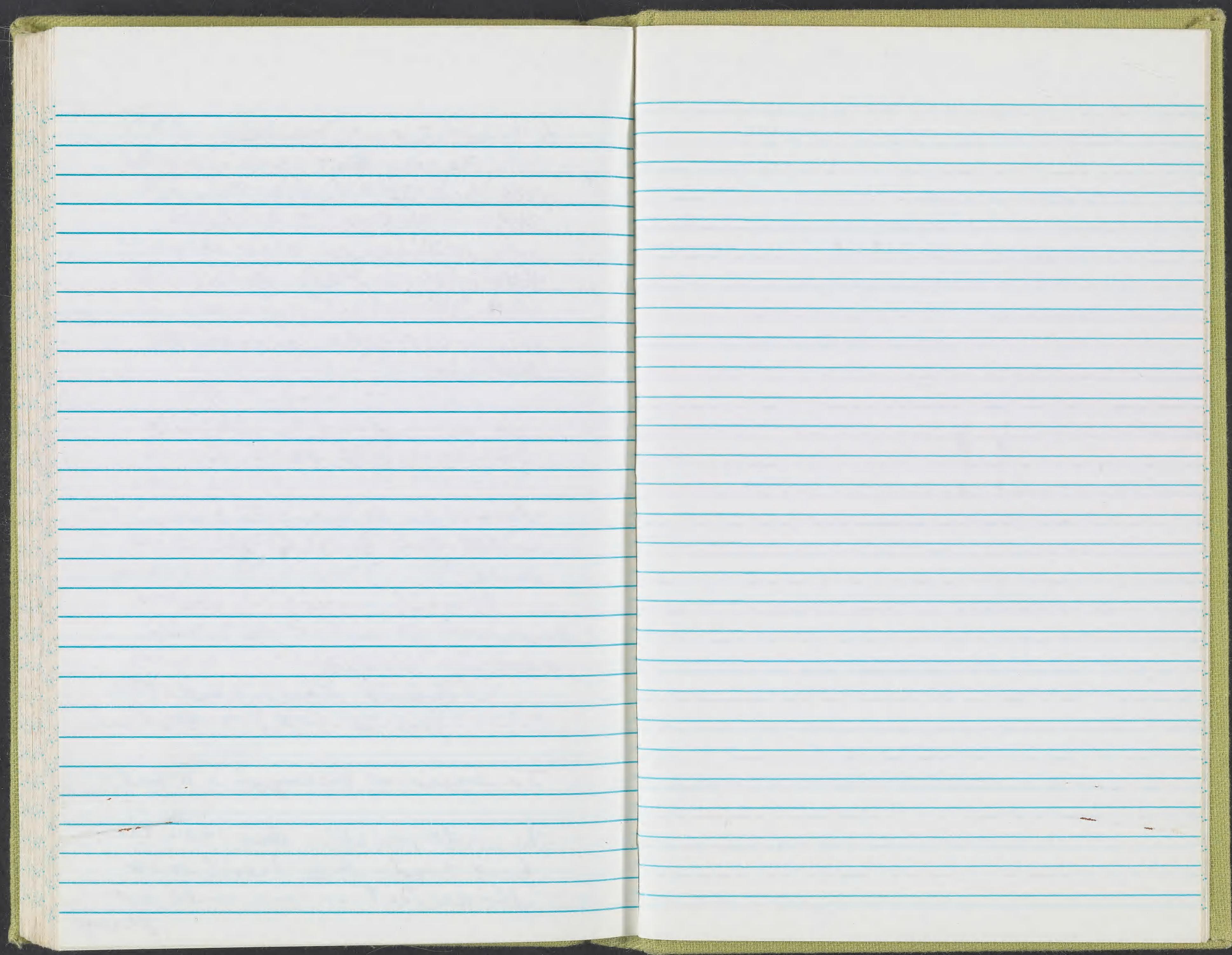
Finished our business with Dionizio & headed for Berant's for lunch.

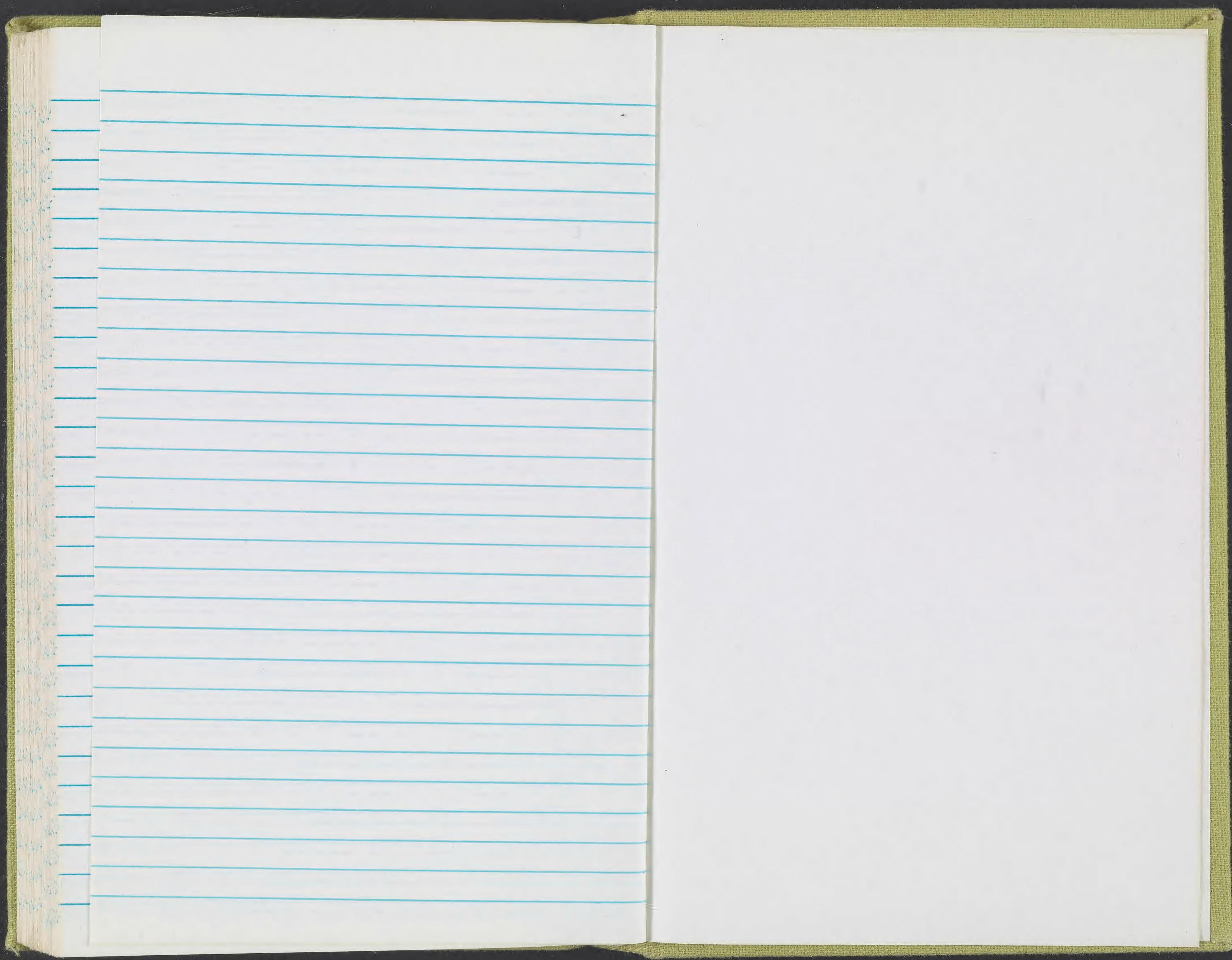
As usual, incredibly good lunch with Berant & too many maracuya batidas!

Berant's monkeys are all gone to CPRJ & São Paulo.

To dinner at Dionizio's & a bath.

The worst rain storm I've ever seen first hand. Avda Brasil was flooded that no cars could get through.





Itamaraty =
State Dept.

